Image preview / "viewport"

Headings and interface components change from industry-to-industry

FIG. 1

Workstation database interface. Data components are industry-specific. The example here uses an Animal Rescue / Shelter as the industry case-in-point.

Optional "import" buttons

Data Import

Import Data Source

Data Source: ODBC using a DSN of "LifeBoat"

Database Location: E:\pet-ark\petwhere\petwhere   Browse...

Import Definition File: New...

Searching & Results

ID:

Name:

Breed:

Found "\palm" image to import: no

No Records.

Data Import Options

☑ Scan "\palm" folder and import image if name of image matches ID

☑ Scan "\palm" folder and import text settings if name of text file matches ID

Auto Import / Remove data   never ▼   starting at: 12 am ▼

Close

FIG 1A.

fig2.jpg at www.rockmedia.com
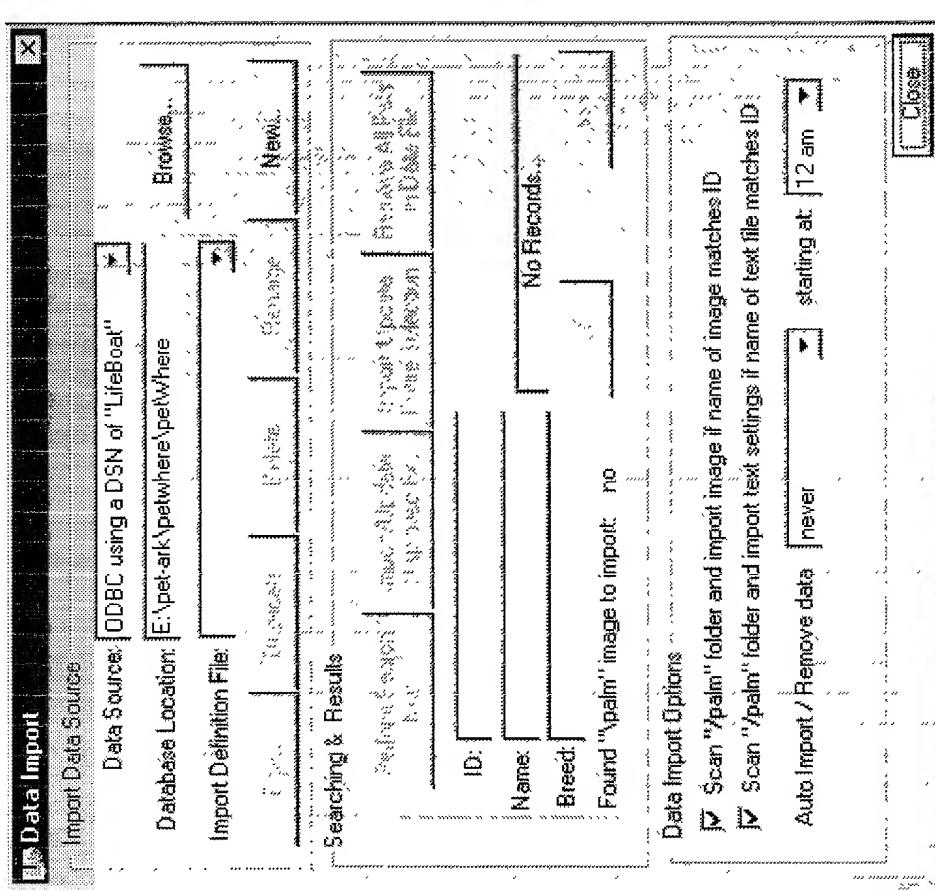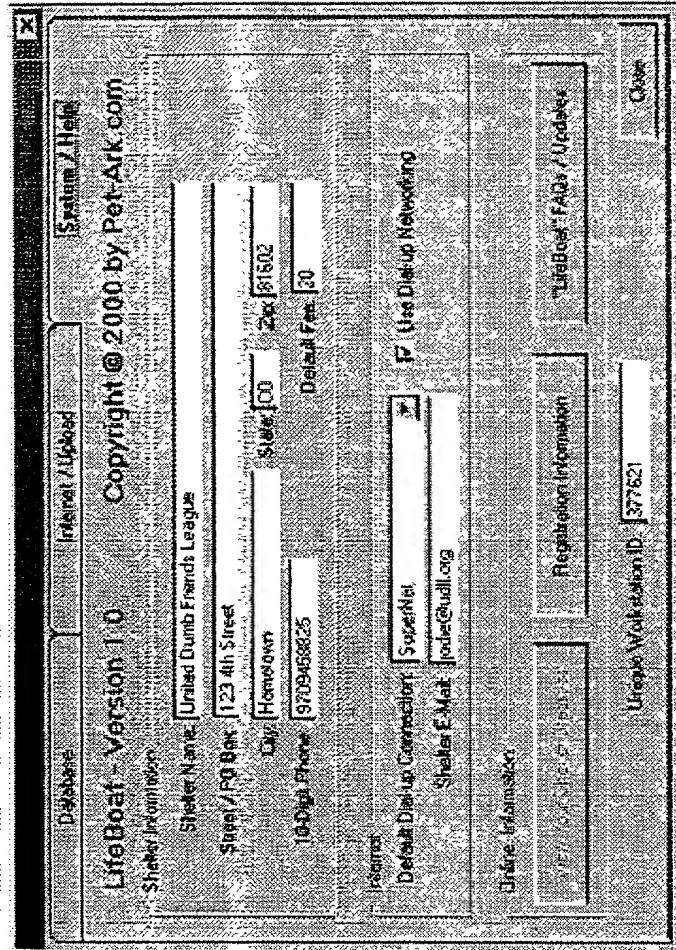
FIG. 2

Unique workstation information that identifies the workstation to the online database.

10:37:25 AM

6/27/00

fig3.jpg at www.rockmedia.com
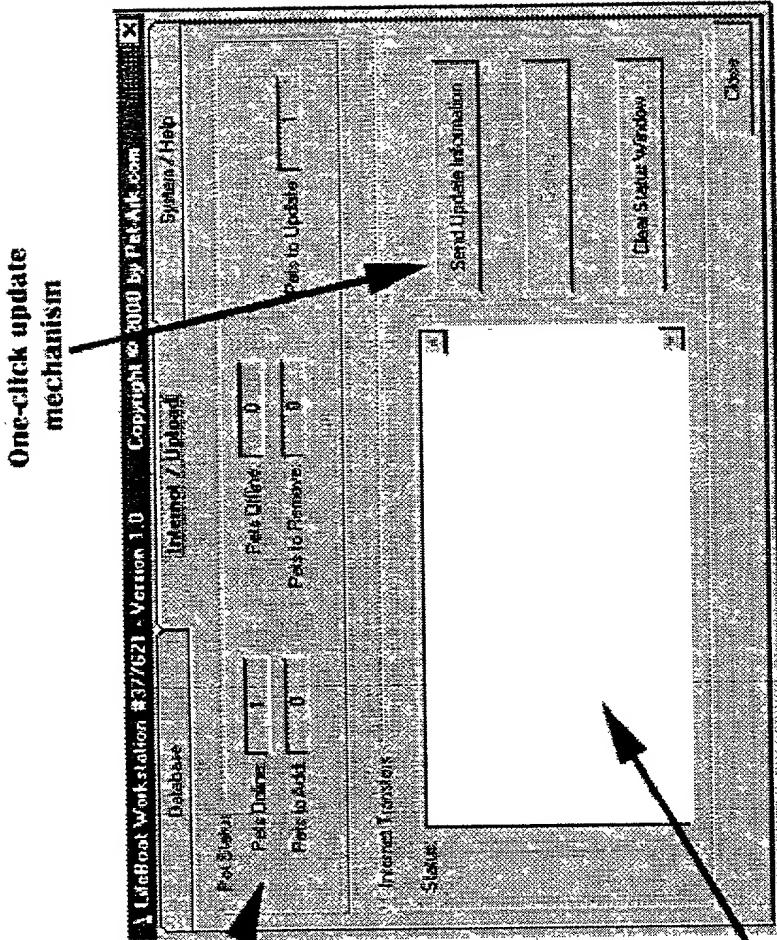
FIG. 3

Online status of all items entered at the workstation and a "one-click" update mechanism.

One-click update mechanism

Online statistics of items in inventory

Internet session display gets updated during an online transfer of all "new" information to the online database
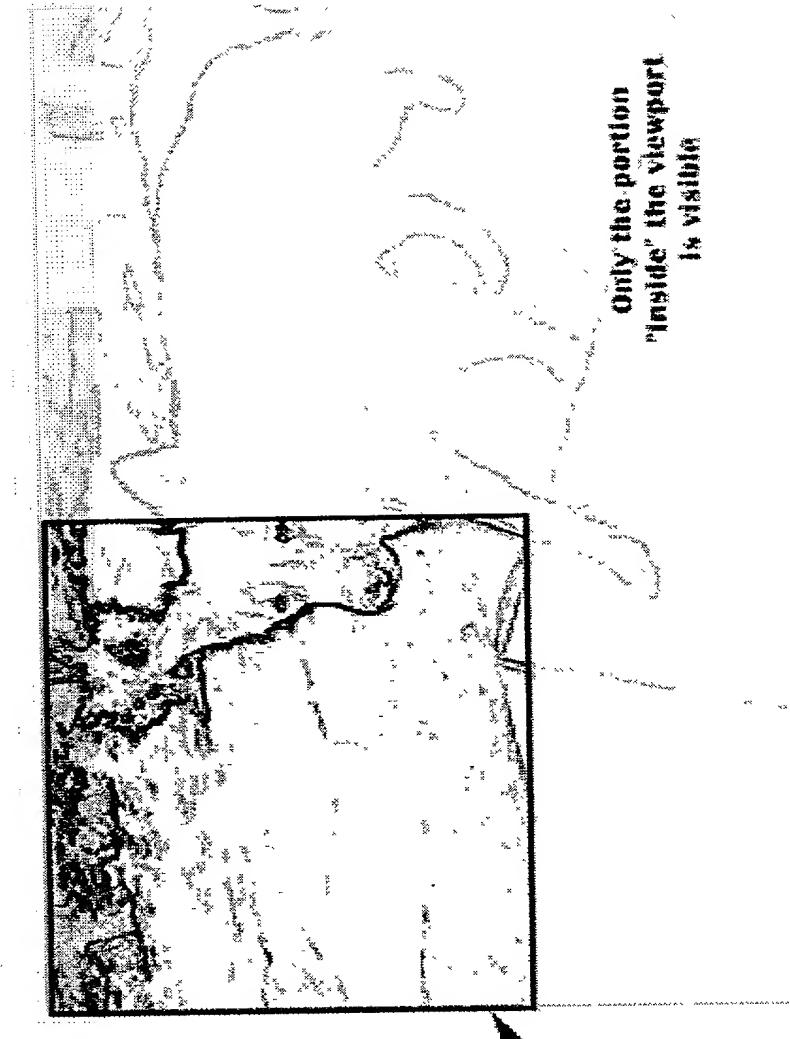
6/27/00

FIG. 4

Shown here is the viewport along with the original digital image. Currently the subject is too big and not centered.

The "viewport"

Only the portion "inside" the viewport is visible
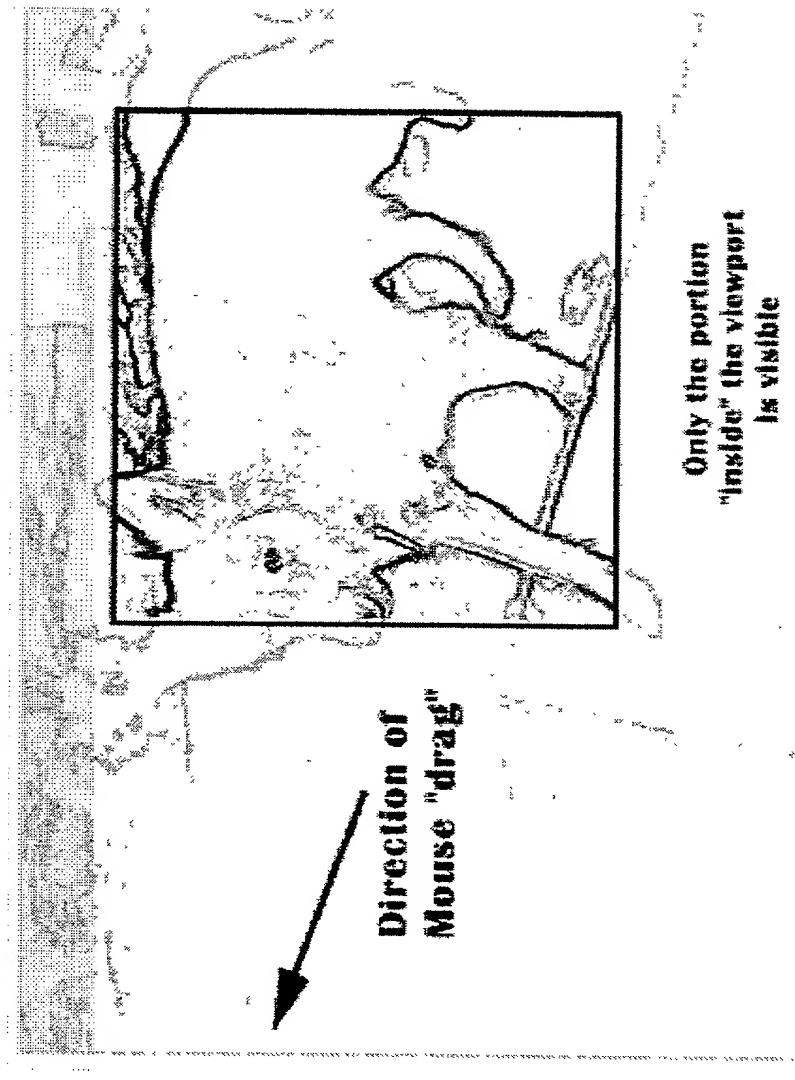
FIG. 5

The image is dragged to quickly center the subject in the viewport.

Only the portion "inside" the viewport is visible

Direction of Mouse "drag"

fig6.jpg at www.rockmedia.com
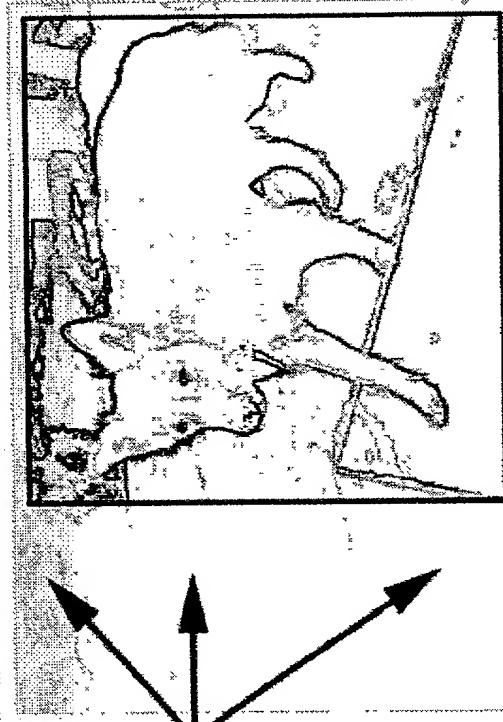
FIG. 6

A few clicks of the "Shrink" button reduces the overall image, and hence the subject, to complete the centering.

One more click on the "Accept" button crops the image to the size of the viewport.

All non-visible areas of the image are discarded upon an "Accept"

Only the portion "inside" the viewport is visible

Overall image reduced in size after one or more "Shrink" button clicks
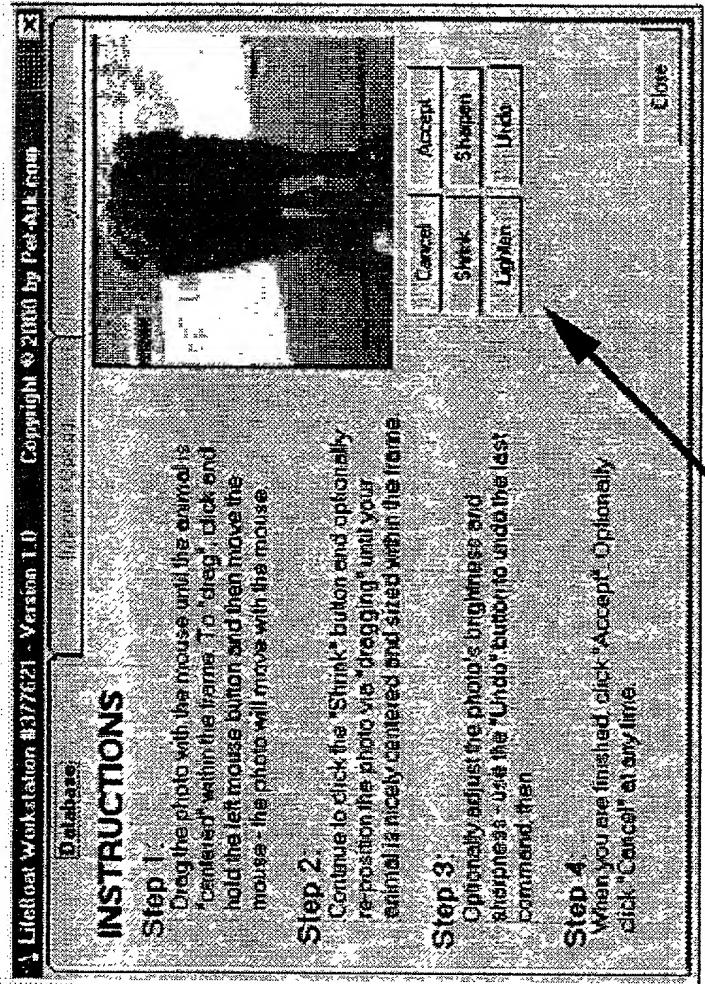
FIG. 7

**Optional digital image enhancments
are performed via one-click buttons.**

10:41:58 AM

fig8.jpg at www.rockmedia.com

Default image used
for all new inventory items
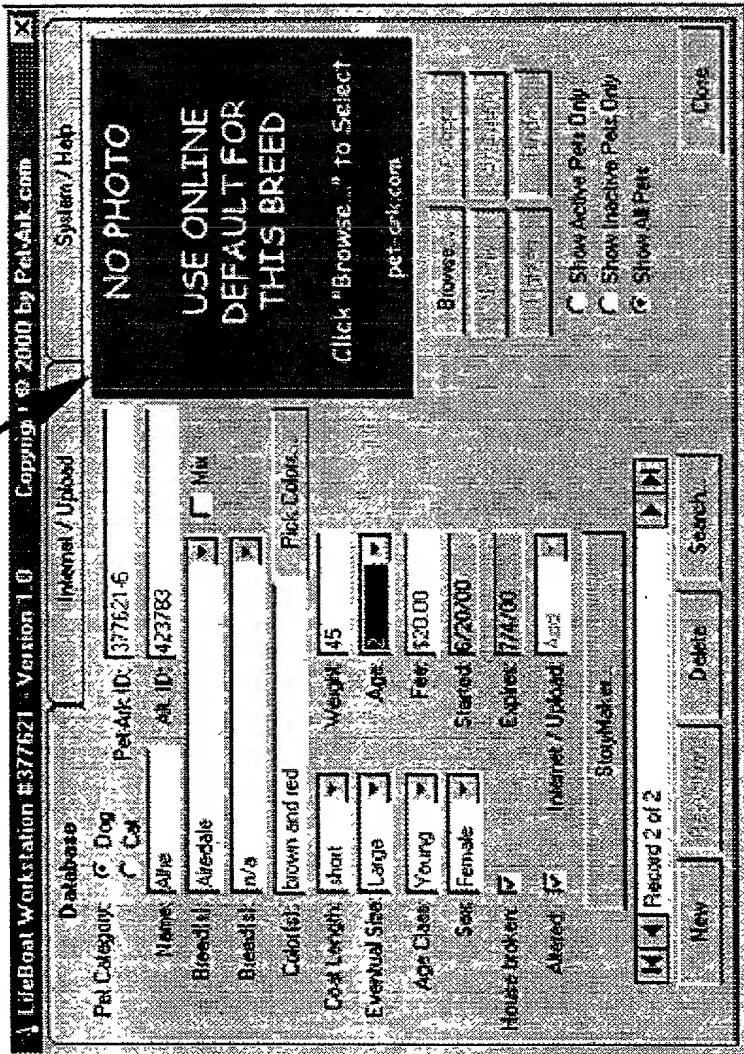
FIG. 8

New entries automatically use
a "default image" until an actual
image of the item is specified.

10:42:48 AM

fig9.jpg at www.rockmedia.com

Optional representation
of the actual item
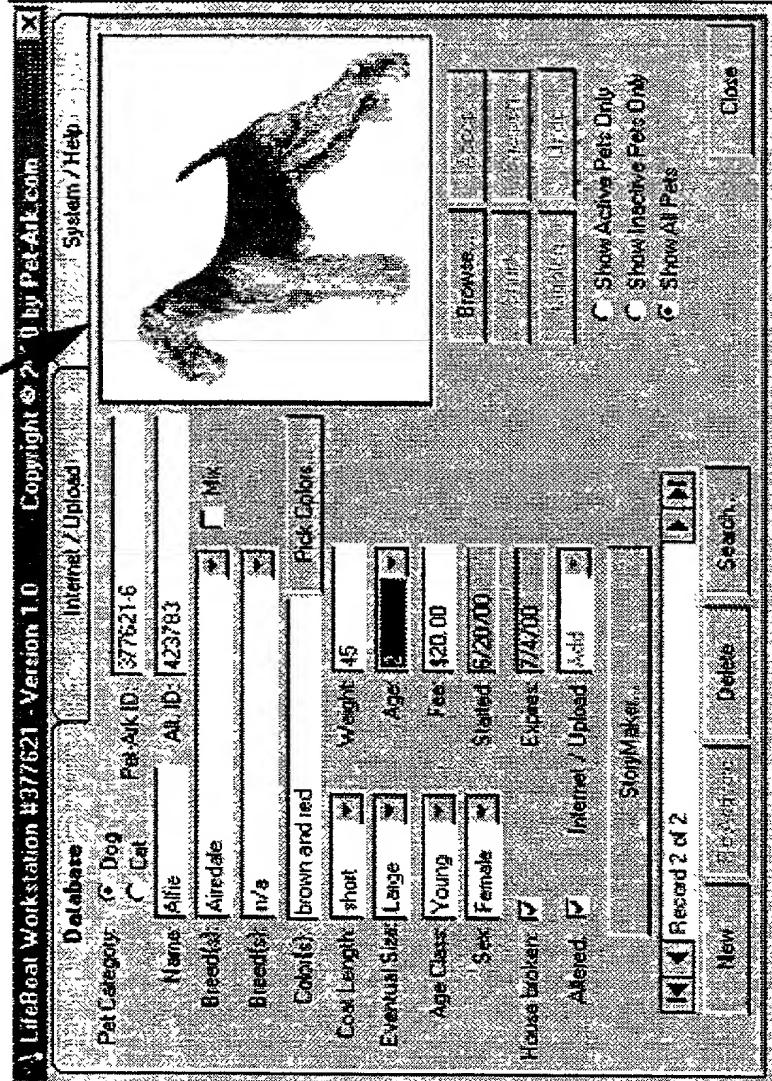
FIG. 9

Optional default image could be a
"representation" of the original item.

6/27/00

11:06:26 AM

fig10.jpg at www.rockmedia.com

FIG 10.

Automatic paragraph generation based on data entry and industry-specific interface options.

Options based off of industry-specific descriptors

Automatic generation of paragraph(s) based of selections above and data entry components (FIG 1).

Select all options that apply to this pet. Click "Generate" to create the story based off your input. You may also optionally "hand-edit" the story. Click "Submit" when through.

[Database]   [Internet / Upload]   [System / Help]

Orphan status: an injury

Fence: must have a fenced yard

Obedience: has some obedience training

Likes: (select ALL that apply)
- young kids
- older kids
- all kids
- adults
- adults only
- dogs
- cats
- livestock

Location: at the shelter

Habitat: indoor / outdoor

Sleeps: indoors

Other: (select ALL that apply)
- playful
- happy
- sweet
- friendly
- agressive
- gentle
- energetic
- barks
- submissive
- likes to dig
- mouthy
- chews a lot
- jumps fences
- wants to please
- need a little work
- jumps on people

Bondo is a 15 year old male Belgian Sheepdog mix with a long length black coat. This neutered guy is happy, energetic, and barks. He gets along great with adults only, other dogs, and cats. He is housebroken, and has some obedience training. Bondo is an indoor / outdoor animal that sleeps indoors, and he must have a fenced yard. He is currently living at the shelter due to an injury. If you would like more information on Bondo, call United Dumb Friends League at xxx xxx x or email xxx xxx x

[Suggestion: click "Generate" multiple times to mix it up a bit.]   Generate   Submit   Cancel

11:47:58 AM

6/27/00

Overview: Computer Software System and Method to Expedite Data Entry for Databases

start executable

new data? — NO

YES

edit/import item-specific fields in workstation-based database

create descriptive paragraphs? — NO

YES

auto-generate ① descriptive paragraphs

include digital picture? — NO

YES

import / crop to ② fixed size

YES — modify data?

NO

upload new information to online database? — NO

YES

click upload button

NO — terminate?

YES

exit application
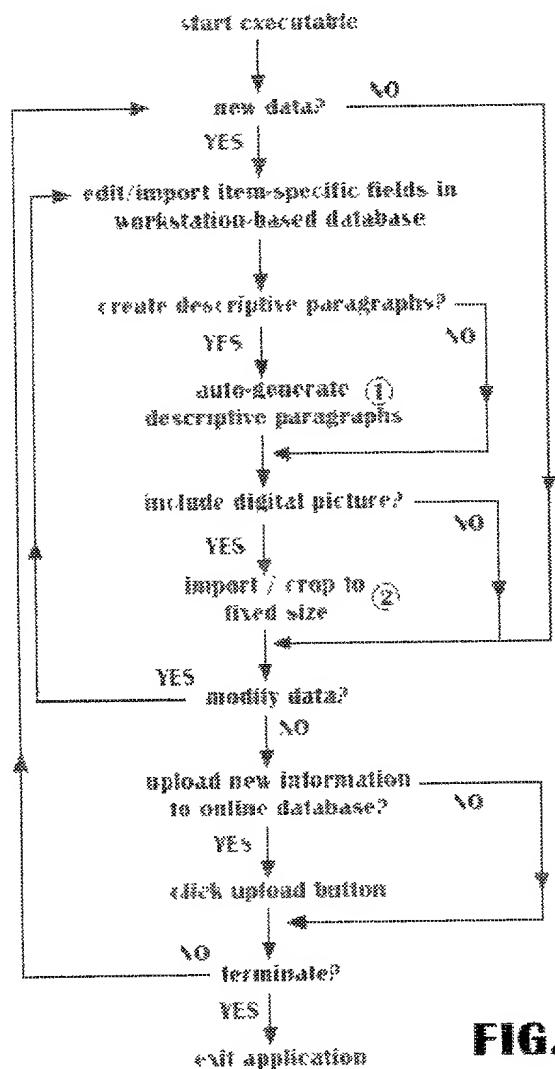
FIG. 11

1: Refer to 'FIG 13'
2: Refer to 'FIG 12'

Digital Image Optimization
for Database Presentation

FIG. 12

include digital picture? —————— NO

YES

browse hard drive for file or import / capture
the digital image

auto-resize image if shorter
or narrower than viewport

YES

auto-manipulate image?

NO

subject positioned   YES
and sized as desired?

NO

subject centered   YES
in viewport?

drag image with mouse
to center subject in viewport

auto-size and   subject larger in size   NO
auto-crop image   than desired?

YES

click "shrink" button

image in need of slight   NO
adjustment (lighten / sharpen etc.)?

YES

click "lighten" or
"sharpen" button(s)

"accept" the
digital image

Automatic Descriptive
Paragraph Generation

create descriptive paragraphs
for the current item?　　　NO

YES

database fields　　YES
complete?

FIG. 13

NO

enter data into fields

execute the auto-paragraph
generation methods

modify / change　　NO
interface components?

YES

check / select
interface components

NO　　sentence ordering and/or
paragraph(s) acceptable?

YES

customization via "hand-entered"　　NO
sentence(s) desired?

YES

type in sentences(s)

accept the paragraph(s)